

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 09/767,831
ATTORNEY DOCKET NO. Q62329

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Page 1, first full paragraph:

The present invention relates to a filter arrangement comprising a first filter having an amplitude characteristic that meets a predefined amplitude specification and having a phase characteristic that generally is a non-linear function of frequency, and a second filter, cascade coupled to the first filter, the second filter having a phase characteristic that is, up to a linear function of frequency, substantially opposite to the phase characteristic of the first filter with a linear phase characteristic as defined by the non-characteristic part of claim 1, and a method to develop such a filter arrangement by designing a first filter so that its amplitude characteristic meets a predefined amplitude specification, implementing the first filter, determining a phase characteristic of the first filter, the phase characteristic being a non-linear function of frequency, implementing a second filter so that its phase characteristic is, up to a linear function of frequency, substantially opposite to the phase characteristic of the first filter and cascade coupling the first filter and the second filter as defined by the non-characteristic part of claim 4.

Page 2, first full paragraph:

An aspect object of the present invention is to provide a filter arrangement with a linear phase characteristic and a method to develop such a filter characteristic similar to the known ones, but wherein the order of the second, phase equalizing equalising filter is substantially reduced without increasing the phase distortion.

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Page 2, please delete the second full paragraph.

Page 3, first full paragraph:

The A as expressed by claims 2 and 3, the first filter in the filter arrangement according to the present invention, may be an analog analogue-filter or a digital filter.